PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Attorney Docket No.		NUM-0164					
UTILITY	First Ir	nventor	Kazuto Kobayashi					
PATENT APPLICATION			, (					
TRANSMITTAL	Title	EXPANSION	VALVE					
(Only for new nonprovisional applications under 37 CFR 1.53(b))			· · · · · · · · · · · · · · · · · · ·					
	Expres	ss Mail Label No.						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application cor	ntents	MS Patent Application Commissioner for Patents P.O. Box 1450						
Gee in the chapter doo concerning dunty patern approaudit con	nerks.	Alexandria, VA 22313-1450						
Fee Transmittal Form (e.g., PTO/SB/17)     (Submit an original, and a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or							
Applicant claims small entity status.		Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission						
See 37 CFR 1.21.	<u> </u>	(if applicable, all necessary)						
3. X Specification [Total Pages 10	) ])	' لسسا	outer Readable Form (CRF)					
(preferred arrangement set forth below) - Descriptive title of the invention		b. Specificati	on Sequence Listing on:					
<ul> <li>Cross Reference to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>		i. CD-ROM or CD-R (2 copies); or ii. Paper						
<ul> <li>Reference to sequence listing, a table, or a computer program listing appendix</li> </ul>		c. Statements verifying identity of above copies						
Background of the Invention     Brief Summary of the Invention		ACCOMPANYING APPLICATION PARTS						
Brief Description of the Drawings (if filed)     Detailed Description		9. X Assignment Papers (cover sheet & document(s))						
- Claim(s) - Abstract of the Disclosure		10. 37 CFR 3.73(b) Statement Power of Attorney						
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets	3 ]	— ·	Translation Document (if applicable)					
5. Oath or Declaration [Total Sheets	3 )		tion Disclosure ant (IDS)/PTO-1449  X Copies of IDS Citations					
a. X Newly executed (original or copy)			ary Amendment					
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			Receipt Postcard (MPEP 503) be specifically itemized)					
i. DELETION OF INVENTOR(S)		15 Certified	Copy of Priority Document(s)					
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		`	priority is claimed) lication Request under 35 U.S.C. 122 (b)(2)(B)(i).					
		Applicar	nt must attach form PTO/SB/35 or its equivalent.					
		17. X Other:	Associate Power of Attorney					
6. Application Data Sheet. See 37 CFR 1,76								
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:								
		CIP) of prior applic	ation No.:					

City Washington		State DC			Zip Code		20036	
Country	US		Telephone	(20	02) 955-3750		Fax	(202) 955-3751
Name (Print/1	ype)	Carl Schaukowitch	Registration No. (Atto			ney/Age	29,211	
Signature		Call Ser				Date	0	ctober 21, 2003

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS

23353

RADER, FISHMAN & GRAUER PLLC

1233 20th Street, N.W.

Art Unit:

Correspondence address below

Prior application information: Examiner

Suite 501

x Customer Number:

Name

Address

FFF TDANCMITTAL			C mplete if Known							
FEE TRANSMITTAL			Application Number				Not Yet Assigned			
for EV 2004			Filing Date				Concurrently Herewith			
for FY 2004			First Named Inventor			tor	Kazuto Kobayashi			
Effective 10/01/2003, Patent fees are subject to annual revision.			Examiner Name Not Yet Assign							
Applicant claims small entity status. See 37 CFR 1.27			Art Ur	it			N/A			
TOTAL AMO	UNT OF PAYMENT (\$) 770.00	_	Attorney Docket No. NUM-0164					<del>i</del> 4		
METHO	DD OF PAYMENT (check all that apply)				FEE	CALCIII	ATION (co	ntinuad)	*	
	Crodit Manay	-					ATION (a	munuea)		
Deposit Account Number	18-0013	Fee Code	Fee (\$)	Fee Code	Fee (\$)	-	Fee Desc	ription	Fee Paid	
Deposit	1 5-1 1 0 5110	1051	130	2051	65	Surcharge -	ge – late filing fee or oath			
Name	der, Fishman & Grauer PLLC	1052	50	2052	25	Surcharge -	charge – late provisional filing fee or cover			
	authorized to: (check all that apply)					sheet.		. •		
	s) indicated below X Credit any overpayments additional fee(s) during the pendency of this	1053	130	1053	130	_	h specificatio			
x application	additional rects) during the peridency of this	1812	2,520	1812	2,520	_		parte reexamination		
Charge fee(	s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner a		•		
to the above-identified deposit account.			1,840*	1805	1,840*	Requesting Examiner a	publication of publication of the publication of th			
	FEE CALCULATION			2251	55	Extension for	or reply within			
1. BASIC FIL		1252	420	2252	210	Extension for	or reply within	second month		
	mall Entity	1253	950	2253	475	Extension for	or reply within	third month		
	Fee Fee Fee Description Fee Paid Get (\$)	1254	1,480	2254	740	Extension f	or reply within	n fourth month		
1001 770 2	001 385 Utility filing fee 770.00	1255	2,010	2255	1,005	Extension for reply within fifth month				
1002 340 2	002 170 Design filing fee	1401	330	2401	165	Notice of A				
1003 530 2	003 265 Plant filing fee	1402	330	2402	165	Filing a brie				
	004 385 Reissue filing fee	1403	290	2403	145	Request for				
1005 160 2	005 80 Provisional filing fee	1451	1,510	1451			-	lic use proceeding		
	1452	110	2452	55		tion to revive - unavoidable				
	1453	1,330	2453	665		on to revive - unintentional				
2. EXTRA CL	1501	1,330	2501	665	•	ty issue fee (or reissue)				
	Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issu				
Independent =	3 -20** = X = 0.00	1503	640	2503	320	Plant issue				
Claims	1 -3** = 0.00	1460	50 130 1460 130 Petitions to the Commissioner							
Multiple Dependent =			50	1807	50	-	ng fee under 37 CFR 1.17(q)			
	nail Entity	1806	180	1806	180			n Disclosure Stmt		
	ee Fee <u>Fee Description</u>	8021	40	8021	40		each patent a mes number o	ssignment per of properties)		
1	202 9 Claims in excess of 20	1809	770	2809	385	Filing a sub (37 CFR 1.	mission after 129(a))	final rejection		
	201 43 Independent claims in excess of 3 203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))				
	204 43 ** Reissue independent claims	1801	770	2801	385					
1	over original patent	1802	900	Request for expedited exemination						
1205 18 22	205 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)				or a design application				
' '		ced by E		lina Fee	Paid	SUBTO	TAL (3) (\$)			
**or number pre						33510	(0)			
SUBMITTED BY						(Complete	(if applicable))			
Name (Print/Type	Carl Schaukowitch		ation No		,211			(202) 955-3750	-	
Signature	<del> </del>	(Αποme	y/Agent)	<u></u>	,,			<u> </u>		
Gigirature	Calle			_			Date	October 21, 200	J.J	